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foreign agriculture circular

seeds, field
and vegetable

FFVS 1-74
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U.S. SEED EXPORTS VALUED AT \$43.4 MILLION IN JULY-DECEMBER 1973, BUT VOLUME WAS DOWN

Exports of U.S. seeds during July-December 1973 amounted to 110,806,000 pounds, a decrease of 4 percent from the 115,481,000 pounds exported in the same period of 1972. During the same 6-month period of 1973, the value of exports increased 39 percent to \$43,380,000 from \$31,163,000 in the comparable 1972 period.

Grass and legume seed exports of 55,232,000 pounds were a record volume, with Mexico, Japan, and Canada as principal markets. EC-9, with West Germany the leading market, took 36 percent of total shipments. The average price of these seeds increased from 31 cents per pound in 1972 to 45 cents in 1973.

Vegetable seed exports of 5,981,000 pounds, compared with 4,919,000 the previous year, were shipped to more than 90 markets at an average price of \$1.46 per pound, compared with \$1.42 in the same 1972 period. Mexico was the leading market.

Shipments of bean seed were down to 2,956,000 pounds, less than half the amount exported in the same period in 1972; also lower were corn, pea, and flower seed exports, while grain sorghum and "other" seeds increased.

Seed rice exports amounted to 464,000 pounds valued at \$44,000. The markets were Canada, Haiti, and French Pacific Islands.

PROCUREMENT SECTION
CURRENT SERIAL RECORDS

APR 11 '74

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SEEDS: U.S. exports, quantity and value
1971-73 (July-December)

Kind of Seed	Quantity			Value		
	1971	1972	1973	1971	1972	1973
	1,000	1,000	1,000	1,000	1,000	1,000
	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>dollars</u>	<u>dollars</u>	<u>dollars</u>
Grass and legume.....	43,542	47,049	55,232	14,361	14,740	24,837
Seed corn.....	4,850	20,987	12,598	643	2,412	2,335
Grain sorghum.....	3,981	12,272	12,823	778	1,558	1,701
Vegetable.....	7,763	4,919	5,981	8,197	7,001	8,750
Flower.....	458	628	542	1,028	1,042	1,155
Rice.....	394	164	464	37	15	44
Bean.....	5,841	6,093	2,956	1,388	1,313	732
Pea.....	14,319	15,854	11,887	1,794	1,609	1,420
Seeds, other.....	5,151	7,515	8,323	1,296	1,473	2,409
Total.....	86,299	115,481	110,806	29,522	31,163	43,383

CORN SEED (except sweet corn seed) : U.S. exports, quantity and value
July-December 1973

Destination	Quantity	Value
	1,000	1,000
	<u>pounds</u>	<u>dollars</u>
North America:		
Barbados.....	6	2
Canada.....	3,433	577
El Salvador.....	19	1
Guatemala.....	29	2
Jamaica.....	136	15
Mexico.....	665	62
Netherlands Antilles.....	5	1
Total.....	4,293	660
South America:		
Argentina.....	281	19
Brazil.....	25	12
Chile.....	1,414	361
Colombia	47	4
Uruguay.....	4	1
Total.....	1,771	397
Europe:		
EC:		
France.....	101	9
Italy.....	1,646	422
Netherlands.....	1,857	466
Total EC.....	3,604	897
Iceland.....	39	5
Portugal.....	4	1
Total Europe.....	3,647	903
Asia:		
Indonesia.....	356	31
Japan.....	1,555	254
Jordan.....	45	3
Pakistan.....	104	9
Thailand.....	36	5
Total.....	2,096	302
Africa:		
Congo (Brazzaville).....	2	1
Ghana.....	76	7
Malawi.....	20	2
South Africa, Republic.....	684	62
Tanzania.....	9	1
Total.....	791	73
Grand total.....	12,598	2,335

GRASS AND LEGUME SEEDS: U.S. exports by destination, quantity
and value, July-December 1973

Destination	Alfalfa		Clovers			Bent	Fescues	Kentucky blue	Grasses			Other	Total	Value
	Cert.	Uncert.	Ladino	Red	Other				Annual	Ryegrasses				
										Perennial	Timothy			
	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	dollars
North America:														
Bahamas	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Belize	--	--	--	--	--	1	--	--	7	--	--	31	46	22
Bermuda	--	--	--	--	--	3	--	--	--	--	--	--	3	2
Canada	1,258	302	3	--	50	150	642	1,161	15	--	2	27	9	
Costa Rica	--	--	--	--	--	1	--	--	574	264	1,246	6,310	3,190	
Dominican Republic	--	--	--	--	--	--	--	--	4	--	17	22	9	
El Salvador	--	--	--	--	--	--	--	--	--	--	4	4	1	
French West Indies	--	--	--	--	--	--	--	--	--	--	4	4	3	
Guatemala	--	--	--	--	--	--	--	--	--	--	5	5	1	
Honduras	--	--	--	--	--	--	--	--	--	4	--	4	1	
Jamaica	--	--	--	--	--	--	--	--	--	--	--	8	7	
Mexico	3,655	1,480	49	19	32	101	52	8	2,584	204	941	9,125	4,049	
Netherlands Antilles	--	--	--	--	--	--	--	--	--	--	1	1	1	
Panama	--	--	--	--	--	--	--	--	8	--	--	8	7	
Total	4,913	1,782	52	19	82	257	703	1,169	3,196	479	660	2,263	15,575	7,308
South America:														
Argentina	193	--	--	--	--	4	87	--	--	--	--	333	617	378
Bolivia	--	5	--	--	--	--	--	--	14	--	--	28	47	46
Brazil	8	24	84	--	2	3	245	--	1	4	--	182	553	247
Chile	326	--	87	--	--	--	--	--	--	--	--	248	641	534
Colombia	2	22	--	10	4	--	--	--	7	33	87	165	58	
Ecuador	--	30	2	2	--	--	--	1	40	25	117	221	88	
Peru	--	2	--	--	1	--	--	1	--	23	4	32	20	
Venezuela	--	4	--	--	--	--	47	--	5	--	12	68	20	
Total	529	87	173	12	7	7	380	2	67	85	4	991	2,344	1,391
Europe:														
EC:														
Belgium-Luxembourg	--	--	44	--	--	141	--	68	40	--	65	--	358	183
Denmark	--	--	--	--	2	75	378	--	--	175	--	--	296	119
France	--	--	109	164	66	536	416	124	2,023	2,023	679	4,495	1,978	
Germany, West	239	--	115	68	140	443	967	168	764	1,869	487	5,260	1,964	
Ireland	--	--	--	--	15	44	72	118	--	--	133	44	426	169
Italy	--	--	188	498	--	224	1,269	152	156	243	515	3,245	1,304	
Netherlands	--	--	151	--	16	338	245	400	564	835	13	2,840	1,170	
United Kingdom	--	--	--	--	2	657	2,118	134	--	192	28	3,131	1,056	
Total EC	239	--	607	730	241	2,458	5,093	1,648	5,145	668	1,766	20,051	7,943	

Austria	--	--	--	--	55	11	50	73	296	143	--	628	192
Azores	--	--	--	--	--	--	--	--	--	--	--	8	4
Cyprus	--	--	--	--	--	--	--	--	--	7	--	7	4
Finland	--	--	--	--	73	75	--	--	--	--	--	148	63
Greece	--	--	--	--	1	48	--	--	10	--	--	80	31
Hungary	--	--	--	--	--	--	--	--	--	--	--	44	32
Norway	--	--	--	--	67	--	--	--	--	--	--	25	58
Poland	642	--	--	--	--	--	--	--	--	--	--	725	663
Portugal	7	--	--	--	--	--	--	--	--	1	--	10	10
Spain	68	--	--	4	37	93	110	131	253	145	133	1,073	553
Sweden	65	--	--	--	240	234	207	29	76	176	--	1,108	468
Switzerland	--	--	--	11	49	53	10	33	471	22	30	913	387
U.S.S.R.	--	--	--	--	--	--	--	--	--	--	--	49	38
Total Europe	1,021	132	984	745	294	5,607	1,833	1,914	6,251	1,155	2,028	24,944	10,446
Asia:													
China, Republic of	--	--	--	--	--	--	--	--	10	--	8	18	9
Indonesia	--	--	--	--	--	--	--	--	--	--	--	2	2
Iran	--	--	--	--	2	--	--	--	--	--	20	20	14
Israel	--	--	--	--	--	--	--	--	--	--	440	440	58
Japan	106	2	312	159	421	1,588	623	1,464	605	1,121	1,174	7,981	3,782
Jordan	1	5	--	--	--	--	--	--	--	--	4	10	8
Korea, Republic of	--	10	10	87	--	14	--	4	24	8	112	269	109
Kuwait	--	--	--	--	--	--	--	--	--	--	4	4	3
Lebanon	--	--	--	--	--	--	--	--	--	--	15	41	20
Philippine Republic	5	21	--	--	--	--	--	--	--	--	2	2	2
Saudi Arabia	--	--	--	--	--	--	--	--	--	--	7	7	4
Thailand	--	--	--	--	--	--	--	--	--	--	2	2	1
Total	112	38	322	246	421	1,602	623	1,468	639	1,129	1,788	8,796	4,012
Africa:													
Angola	--	3	--	--	--	--	--	--	--	--	--	3	2
Libya	102	--	--	--	--	--	--	--	--	--	14	116	105
Morocco	--	--	--	--	--	--	--	--	--	--	33	33	8
Mozambique	--	--	--	--	--	--	--	--	--	--	4	4	1
South Africa, Republic of	4	--	10	--	70	85	7	35	33	--	215	461	187
Tunisia	18	--	--	--	--	--	--	--	--	--	--	18	17
Total	124	3	10	--	70	85	7	35	33	--	266	635	320
Oceania:													
Australia	--	--	229	184	45	188	199	143	414	--	402	2,610	1,274
New Zealand	1	--	--	--	--	5	310	--	--	--	1	324	79
Total	1	--	229	184	45	193	206	143	414	--	403	2,934	1,353
Grand Total	6,702	2,043	1,767	1,206	918	3,846	9,493	6,823	7,903	2,947	7,744	55,232	24,837
Value (1,000 dollars)	1,934	1,194	1,255	759	798	2,065	2,672	1,362	2,831	1,134	3,287	24,837	

VEGETABLE SEEDS: U.S. exports, quantity and value
July-December 1973

Destination	Carrot	Onion	Sweet Corn	Other vegetable	Total	Value
	Pounds	Pounds	Pounds	Pounds	Pounds	Dollars
North America:						
Bahamas	--	2,825	2,859	25,003	30,687	36,596
Barbados	--	2,886	--	2,907	5,793	27,879
Bermuda	--	--	--	2,523	2,523	4,320
Canada	3,020	4,769	340,044	193,763	541,596	423,996
Costa Rica	700	3,924	--	12,852	17,476	50,278
Dominican Republic	1,236	16,158	--	13,567	30,961	110,528
El Salvador	--	--	--	20,710	20,710	38,473
Guatemala	3,407	613	--	15,896	19,916	33,600
Haiti	2,211	248	--	5,072	7,531	14,884
Honduras	--	2,920	--	8,232	11,152	24,399
Jamaica	6,287	8,329	--	15,447	30,063	66,069
Leeward and Windward Islands	--	--	--	3,655	3,655	18,869
Mexico	18,515	52,800	4,000	776,500	851,815	1,436,865
Nicaragua	--	948	--	2,995	3,943	12,269
Panama	--	2,616	--	7,219	9,835	29,114
Trinidad and Tobago	--	1,000	--	8,506	9,506	16,304
Other	--	--	--	546	546	2,003
Total	35,376	100,036	346,903	1,115,393	1,597,708	2,346,446
South America:						
Argentina	1,628	999	2,200	52,578	57,405	131,448
Bolivia	300	--	--	3,834	4,134	11,040
Brazil	80,743	81,372	--	172,278	334,393	756,543
Chile	--	--	--	7,770	7,770	17,232
Colombia	11,741	1,628	--	35,752	49,122	104,137
Ecuador	339	--	--	6,603	6,942	20,072
Guyana	--	--	--	215	215	856
Paraguay	992	636	--	2,558	4,186	8,187
Peru	5,471	240	--	19,183	24,894	53,745
Surinam	--	--	--	1,561	1,561	2,066
Uruguay	440	220	2,860	13,531	17,051	29,010
Venezuela	1,284	12,850	40,000	48,544	102,678	154,103
Total	102,938	97,946	45,060	364,407	610,351	1,288,439
Europe:						
EC:						
Denmark	14,086	--	--	172,138	186,224	213,577
France	--	3,344	1,764	294,688	299,796	581,543
Germany, West	--	223	--	18,435	18,658	18,148
Italy	--	11,164	--	213,417	224,581	496,361
Netherlands	20,667	40,772	--	289,341	350,780	682,635
United Kingdom	8,525	--	--	39,064	47,589	85,659
Total EC	43,278	55,503	1,764	1,027,083	1,127,619	2,077,923
Austria	--	2,022	--	916	2,938	18,579
Greece	--	--	--	89,669	89,669	112,826
Hungary	--	--	765	--	765	780
Norway	,000	--	--	--	3,000	4,083
Portugal	--	110	--	6,283	6,393	15,161
Spain	--	843	--	46,252	47,095	86,970
Sweden	--	--	1,316	18,842	20,158	16,265
Switzerland	--	--	5,100	16,699	21,799	19,535
Total Europe	46,278	58,478	8,945	1,205,744	1,312,264	2,352,122

VEGETABLE SEEDS: U.S. exports, quantity and value
July-December 1973

Destination	Carrot	Onion	Sweet Corn	Other vegetable	Total	Value
	Pounds	Pounds	Pounds	Pounds	Pounds	Dollars
Asia:						
Bahrein	--	--	--	115	115	658
Bangladesh	--	--	--	46,000	46,000	73,948
Cambodia	--	--	--	200	200	850
China, Peoples Republic	--	--	--	55,008	55,008	43,200
China, Republic	--	7,129	7,000	10,605	24,734	52,080
Hong Kong	--	4,183	--	39,024	43,207	61,429
Indonesia	--	--	--	72	72	520
Iran	1,254	3,082	--	112,865	117,201	222,373
Iraq	--	--	2,205	132,076	134,281	202,750
Israel	702	275	7,704	2,378	11,059	16,468
Japan	33,569	2,248	412,854	232,741	681,412	493,003
Jordan	--	--	--	22,040	22,040	52,638
Kuwait	--	--	--	1,784	1,784	4,988
Lebanon	--	--	--	10,009	10,009	9,484
Oman	--	--	--	2,529	2,529	4,917
Pakistan	--	--	--	475	475	1,265
Philippine Republic	1,710	27,332	--	26,008	55,050	167,523
Qatar	--	--	--	67	67	582
Saudi Arabia	5,404	5,398	--	28,436	39,238	162,693
Sri Lanka	--	--	--	780	780	3,276
Syrian Arab Republic	--	--	--	11,110	11,110	17,768
Thailand	--	12,990	--	30,938	43,928	135,800
United Arab Emirates	400	200	--	3,352	3,952	12,747
Vietnam, South	--	1,561	--	3,200	4,761	16,159
Yemen (Arab Republic)	--	--	--	3,400	3,400	9,667
Total	43,039	64,398	429,763	775,212	1,312,412	1,766,786
Africa:						
Algeria	--	--	--	771,610	771,610	203,310
Angola	--	5,883	--	738	6,621	23,049
Egypt	--	--	--	692	692	4,897
Ethiopia	400	276	--	1,979	2,655	8,832
Ghana	--	--	--	881	881	2,411
Kenya	1,650	21,843	--	6,646	30,139	83,308
Liberia	--	--	--	1,297	1,297	1,275
Libya	753	3,987	--	43,770	48,510	94,130
Malagasy Republic	--	--	--	1,479	1,479	1,683
Mauritius	--	--	--	1,023	1,023	1,135
Morocco	--	331	--	4,603	4,934	6,313
Mozambique	--	1,379	--	1,108	2,487	16,335
Senegal	--	--	--	1,524	1,524	13,722
Sierra Leone	--	--	--	2,000	2,000	14,000
South Africa, Republic	2,200	12,397	20,000	131,590	166,187	289,947
Sudan	--	--	--	7,380	7,380	25,127
W. Portuguese Africa	--	1,000	--	--	1,000	6,000
Zaire (Congo, Kens.)	--	--	--	1,122	1,122	730
Zambia	135	7,825	--	3,088	11,048	58,076
Total	5,138	54,921	20,000	982,530	1,062,589	854,280
Oceania:						
Australia	--	3,339	--	41,790	45,129	84,537
French Pacific Islands	--	--	--	318	318	663
New Zealand	1,103	3,588	--	26,670	31,361	55,675
Other Pacific Islands	--	--	--	440	440	1,208
Total	1,103	6,927	--	69,218	77,248	142,083
Grand total	233,872	382,706	850,671	4,512,504	5,979,753	8,750,155
Value (dollars)	393,185	1,588,025	426,284	6,342,661	8,750,155	

Bean Seed: U.S. exports, quantity and value
July-December 1973

Destination	Quantity	Value
	1,000 <u>pounds</u>	1,000 <u>dollars</u>
North America:		
Barbados.....	8	2
Canada	294	76
Costa Rica.....	26	8
El Salvador.....	2	1
Jamaica.....	30	13
Mexico.....	370	106
Trinidad-Tobago.....	4	2
Total.....	734	208
South America:		
Argentina.....	6	2
Brazil.....	13	5
Ecuador.....	3	1
Uruguay.....	21	7
Venezuela.....	24	6
Total.....	67	21
Europe:		
EC:		
Denmark.....	2	1
France.....	721	149
Germany, West.....	464	106
Italy.....	126	30
Netherlands.....	177	41
United Kingdom.....	139	21
Total EC.....	1,629	348
Greece.....	51	11
Total Europe.....	1,680	359
Asia:		
Bangladesh.....	15	5
Iran.....	7	3
Japan.....	61	19
Jordan.....	10	3
Oman.....	2	2
Saudi Arabia.....	37	11
Total.....	132	43
Africa:		
Morocco.....	2	1
Senegal.....	10	4
South Africa, Republic.....	194	40
Total.....	206	45
Oceania:		
Australia.....	84	38
New Zealand.....	47	17
Other Pacific Islands.....	5	2
Total.....	136	57
Grand total.....	2,955	733

PEA SEED: U.S. exports, quantity and value
July-December 1973

Destination	Quantity	Value
	1,000 <u>pounds</u>	1,000 <u>dollars</u>
North America:		
Barbados.....	9	3
Canada.....	59	10
Costa Rica.....	120	14
Mexico.....	372	55
Total.....	560	82
South America:		
Argentina.....	12	2
Brazil.....	274	32
Colombia.....	101	14
Peru.....	4	1
Uruguay.....	5	2
Venezuela.....	2	1
Total.....	398	52
Europe:		
EC:		
Denmark.....	78	10
France.....	231	23
Germany, West.....	334	41
Ireland.....	685	71
Italy.....	490	62
Netherlands.....	2,035	229
United Kingdom.....	5,174	678
Total EC.....	9,027	1,114
Cyprus.....	6	3
Finland.....	37	3
Greece.....	87	9
Spain.....	8	1
Sweden.....	113	14
Total Europe.....	9,278	1,144
Asia:		
China Republic.....	30	4
Israel.....	486	54
Japan.....	900	49
Pakistan.....	22	4
Total.....	1,438	111
Africa:		
Canary Islands.....	1	1
South Africa, Republic.....	15	7
Total.....	16	8
Oceania:		
Australia.....	35	9
New Zealand.....	160	16
Total.....	195	25
Grand total.....	11,887	1,420

FLOWER SEED: U.S. exports, quantity and value
July-December 1973

Destination	Quantity	Value
	<u>pounds</u>	<u>dollars</u>
North America:		
Bermuda.....	143	595
Canada.....	174,915	299,431
Costa Rica.....	19	608
Honduras.....	171	594
Jamaica.....	43	656
Mexico.....	11,389	68,716
Panama.....	1,100	832
Total.....	187,780	371,432
South America:		
Argentina.....	3,364	10,500
Brazil.....	9,394	11,314
Peru.....	521	4,680
Uruguay.....	846	2,733
Venezuela.....	3,311	16,075
Total.....	17,436	45,302
Europe:		
EC:		
Belgium-Luxembourg.....	2,564	3,716
Denmark.....	49,573	107,730
France.....	17,462	67,459
Germany, West.....	56,151	114,226
Italy.....	16,968	5,891
Netherlands.....	62,973	106,228
United Kingdom..	47,796	127,094
Total EC.....	253,487	532,344
Finland.....	171	688
Sweden... ..	16,682	29,913
Switzerland.....	4,278	13,147
Total Europe.....	274,618	576,092
Asia:		
Hong Kong.....	83	1,895
Japan.....	24,801	65,849
Saudi Arabia.....	45	603
Total.....	24,929	68,347
Africa:		
Mozambique.....	476	500
South Africa, Republic.....	10,959	39,045
Sudan.....	225	1,110
Total.....	11,660	40,655
Oceania:		
Australia.....	21,603	40,914
New Zealand.....	3,942	12,048
Total.....	25,545	52,962
Grand total.....	541,968	1,154,790

SEEDS, OTHER ^{1/} : U.S. exports, quantity and value
July-December 1973

Destination	Quantity	Value	Destination	Quantity	Value
	1,000 pounds	1,000 dollars		1,000 pounds	1,000 dollars
North America:			Europe (Continued)		
Bermuda.....	13	1	France.....	262	399
Canada.....	2,027	433	Germany, West..	162	108
Dominican Republic.....	91	37	Italy.....	110	19
El Salvador.....	64	12	Netherlands....	7	16
Guatemala.....	26	10	United Kingdom..	50	37
Honduras.....	4	4	Total EC.....	603	638
Mexico.....	1,770	298	Cyprus.....	2	1
Nicaragua.....	47	16	Greece.....	2	1
Trinidad-Tabago.....	2	4	Iceland.....	8	3
Other.....	2/	2	Norway.....	3	3
Total.....	4,044	817	Spain.....	119	31
South America:			Sweden.....	13	12
Argentina.....	101	78	Other.....	2/	5
Bolivia.....	18	4	Total Europe..	750	694
Brazil.....	2,105	407	Asia:		
Colombia.....	116	10	Iran.....	42	42
Ecuador.....	5	2	Japan.....	383	183
Paraguay.....	8	1	Philippine Rep..	24	8
Peru.....	66	12	Other.....	2/	1
Uruguay.....	44	7	Total.....	449	234
Venezuela.....	159	21	Africa:		
Other.....	2/	2	Kenya.....	22	4
Total	2,622	544	South Africa,Rep.	391	98
Europe:			Total.....	413	102
EC:			Oceania:		
Belgium-Luxembourg.....	5	39	Australia.....	43	18
Denmark.....	7	20	Grand total.....	8,323	2,409

^{1/} Includes birdsfoot trefoil, trefoil, lespedeza, lupine, tree seeds, vetch, forage crop, forage sorghum, and other seeds.

^{2/} Less than 500 pounds

GRAIN SORGHUM SEED: U.S. exports, quantity and value
July - December 1973

Destination	Quantity	Value
	1,000 <u>pounds</u>	1,000 <u>dollars</u>
North America:		
Belize.....	13	3
Bermuda.....	20	1
Canada.....	536	29
El Salvador.....	12	2
Haiti.....	40	8
Honduras.....	81	16
Jamaica.....	10	2
Mexico.....	3,307	460
Netherlands Antilles.....	13	1
Nicaragua.....	565	95
Panama.....	156	32
Total.....	4,753	649
South America:		
Argentina.....	868	93
Bolivia.....	6	1
Brazil.....	3,188	470
Colombia.....	99	11
Guyana.....	1,212	66
Peru.....	257	27
Uruguay.....	84	10
Total.....	5,714	678
Europe:		
EC:		
France.....	1,280	188
Italy.....	192	40
Total EC.....	1,472	228
Portugal.....	22	4
Spain.....	232	31
Switzerland.....	11	2
Total Europe.....	1,737	265
Asia:		
Lebanon.....	8	1
Philippine Republic.....	5	1
Syrian Arab Republic.....	7	1
Total.....	20	3
Africa:		
South Africa, Republic of	599	106
Grand total.....	12,823	1,701

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